

Set Items Description
S1 241529 BUBBLE OR BUBBLES
S2 596278 SMOKE OR VAPOR OR VAPOUR OR FOG OR FOGGY OR MIST
S3 3903688 FILL? OR INSERT? OR INJECT?
S4 17809755 BLOWER? OR DEVICE? OR UTENSIL? OR APPLIANC? OR APPARAT? OR EQUIPMENT? OR TOOL? OR INSTRUMENT?
S5 8308857 IMPLEMENT? OR TOY OR TOYS OR AMUSEMENT? OR WAND? OR HOUSING?
S6 6496807 EXHAUST? OR FAN OR FANS OR (FLUID? OR LIQUID?) (3N) RESERVOIR? OR CHAMBER? OR HEAT()ELEMENT? OR MOTOR? OR NOZZLE?
S7 4052177 SWITCH? OR CIRCUIT? OR BATTERY? OR BATTERIE?
S8 761 S1(5N)S2
S9 31 S8 AND S2(5N)S3
S10 466 S8 AND S4:S5
S11 204 S10 AND S6:S7
S12 51 S10 AND S1:S2(5N)S4:S5
S13 88 S11 AND S1:S5(10N)S6:S7
S14 138 S9 OR S12:S13
S15 106 RD (unique items)
? show files
File 9:Business & Industry(R) Jul/1994-2004/Oct 25
 (c) 2004 The Gale Group
File 16:Gale Group PROMT(R) 1990-2004/Oct 26
 (c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Oct 26
 (c) 2004 The Dialog Corp.
File 47:Gale Group Magazine DB(TM) 1959-2004/Oct 26
 (c) 2004 The Gale group
File 80:TGG Aerospace/Def.Mkts(R) 1986-2004/Oct 26
 (c) 2004 The Gale Group
File 141:Readers Guide 1983-2004/Sep
 (c) 2004 The HW Wilson Co
File 148:Gale Group Trade & Industry DB 1976-2004/Oct 15
 (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
 (c) 1999 The Gale Group
File 482:Newsweek 2000-2004/Oct 22
 (c) 2004 Newsweek, Inc.
File 484:Periodical Abs Plustext 1986-2004/Oct W3
 (c) 2004 ProQuest
File 570:Gale Group MARS(R) 1984-2004/Oct 26
 (c) 2004 The Gale Group
File 609:Bridge World Markets 2000-2001/Oct 01
 (c) 2001 Bridge
File 610:Business Wire 1999-2004/Oct 24
 (c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Oct 26
 (c) 2004 PR Newswire Association Inc
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Oct 26
 (c) 2004 The Gale Group
File 635:Business Dateline(R) 1985-2004/Oct 23
 (c) 2004 ProQuest Info&Learning
File 636:Gale Group Newsletter DB(TM) 1987-2004/Oct 26
 (c) 2004 The Gale Group
File 646:Consumer Reports 1982-2004/Oct
 (c) 2004 Consumer Union
File 649:Gale Group Newswire ASAP(TM) 2004/Oct 19
 (c) 2004 The Gale Group
File 809:Bridge World Markets News 1989-1999/Dec 31
 (c) 1999 Bridge
File 810:Business Wire 1986-1999/Feb 28

(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30

(c) 1999 PR Newswire Association Inc

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15/3, K/28 (Item 2 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

28755422 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Fantasy world from soap, water

KOREA HERALD

April 23, 2003

JOURNAL CODE: FKHD LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 480

(USE FORMAT 7 OR 9 FOR FULLTEXT)

...fantastic bubble kingdom.

Bursting through several Guinness Book of World Records with his colossal suds, **Fan** Yang has wooed audiences around the world with his amazing **bubble** artistry, and will be sharing his effervescent talents with Seoulites.

Fan Yang, a "bubbleologist" who hails from Canada, has been flexing his bubble-making muscles for over twenty years, creating **toys** and secret concoctions for making lasting bubbles. The award-winning performer will make his first...

... began to create wild arrangements simply with the magical mix of water and soap, like **smoke** -trailing **bubbles**, **bubbles** within '**bubbles**', and bubbles big enough to fit whole cars in. He also invented the "ultimate **bubble toy**" for children to create their own ebullient kingdoms at home. Beginning with his 1992 Guinness...

... and physics, and you must know about the atmospheric conditions," said Fang. Gymboree's Mega **Bubble** Show featuring **Fan** Yang will be running from May 1-10 at Hanjeon Artspool Center. For more information...

15/3, K/29 (Item 3 from file: 20)
DIALOG(R) File 20: Dialog Global Reporter
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23660062 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Spectacular Bubble Show

A Staff Reporter

GULF NEWS

July 02, 2002

JOURNAL CODE: WGNS LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 330

... the show, Fan Yang, demonstrated some of his greatest skills including blowing bubbles inside larger **bubbles** ; **bubbles** **filled** with **smoke** inside even larger **bubbles** ; and huge **bubbles** **filled** with tiny **smoke - filled bubbles** and illuminated with light effects.

15/3, K/31 (Item 5 from file: 20)
DIALOG(R) File 20: Dialog Global Reporter
(c) 2004 The Dialog Corp. All rts. reserv.

11697340 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Moreover: Smokescreens: Basle's bubbling art fair
ECONOMIST

June 24, 2000

JOURNAL CODE: FECN LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 679

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... an aluminium box by a talented 38-year-old Swiss artist, Pipilotti Rist, which emits **smoke - filled bubbles** that pop in your hand. An unwitting symbol, some might think, of a market that...

15/3, K/32 (Item 6 from file: 20)
DIALOG(R)File 20: Dialog Global Reporter
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09933177 (USE FORMAT 7 OR 9 FOR FULLTEXT)

Enchanted by man blowing bubbles

SECTION TITLE: FEATURES

WILLIAMS Sharon

EVENING POST, 3 ed, p10

March 04, 2000

JOURNAL CODE: WTEP LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 482

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... funny and he blows bubbles. Not just any old bubbles, though. These are big soap **bubbles**, **smoke-filled bubbles** and **bubbles** bathed in beautiful colours. Bubbles that you definitely don't see at birthday parties.

His...

15/3,K/106 (Item 1 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.

0380861

SE009

BUBBLES IN THE AIR AT PACIFIC SCIENCE CENTER'S FIFTH ANNUAL BUBBLE FESTIVAL

DATE: June 24, 1991

15:01 EDT

WORD COUNT: 241

...BUBBLE FESTIVAL HIGHLIGHTS

-- See bubbleologists Louis Pearl, Craig Grossman and Tom Noddy create two-person **bubbles**, **bubbles** inside of **bubbles** and **smoke** - **filled** **bubble** cubes.

-- Blow a whopper of a bubble in the Bubble Gum Blowing Contest.

-- Be a...

...Science Center Pops"

conducted by Deano the Clown. Experiment with the sounds of paper bags, **bubble** wrap, balloons and other bubbly **instruments**.

-- Watch glassblower Rebecca Lane blow **bubbles** of glass.

-- Create your own bubblemaker, learn about bubbles in biology, surround yourself with a...

Set	Items	Description
S1	53527	BUBBLE OR BUBBLES
S2	155879	SMOKE OR VAPOR OR VAPOUR OR FOG OR FOGGY OR MIST
S3	882060	FILL? OR INSERT? OR INJECT?
S4	1424639	BLOWER? OR DEVICE? OR UTENSIL? OR APPLIANC? OR APPARAT? OR EQUIPMENT? OR TOOL? OR INSTRUMENT?
S5	576493	IMPLEMENT? OR TOY OR TOYS OR AMUSEMENT? OR WAND? OR HOUSING?
S6	597417	EXHAUST? OR FAN OR FANS OR (FLUID? OR LIQUID?) (3N) RESERVOIR? OR CHAMBER? OR HEAT()ELEMENT? OR MOTOR? OR NOZZLE?
S7	636244	SWITCH? OR CIRCUIT? OR BATTERY? OR BATTERIE?
S8	11281	IC=(A63H? OR D06F? OR F17C?)
S9	1869	S1(5N)S2
S10	13	S9 AND S8
S11	253	S9 AND S2(5N)S3
S12	241	S11 AND S4:S5
S13	234	S11 AND S6:S7
S14	222	S12 AND S13
S15	4	S12:S13 AND S8
S16	13	S10 OR S15
S17	13	IDPAT (sorted in duplicate/non-duplicate order)

? show files

File 348:EUROPEAN PATENTS 1978-2004/Oct W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041021, UT=20041014

(c) 2004 WIPO/Univentio

?

17/3, K/10 (Item 10 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00741769 **Image available**

CONFETTI AND THEATRICAL SNOW DELIVERY DEVICE

DISPOSITIF DE DISTRIBUTION DE CONFETTIS ET DE NEIGE DE THEATRE

Patent Applicant/Inventor:

AUSTIN Joseph James, Apartment 310, 4642 Willis Avenue, Sherman Oaks, CA 91403, US, US (Residence), US (Nationality)

AUSTIN Joseph Stanley, 5837 Belbert Circle, Calabasas, CA 91302, US, US (Residence), US (Nationality)

Legal Representative:

GITLER Stewart L, Hoffman, Wasson & Gitler, PC, Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200054864 A1 20000921 (WO 0054864) *=(US)6149495*

Application: WO 2000US3724 20000315 (PCT/WO US0003724)

Priority Application: US 99267614 19990315

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 2641

Main International Patent Class: **A63H-033/30**

Fulltext Availability:

Detailed Description

Detailed Description

... allowing the operator to continually operate the machine from a remote positioned. Such devices include **fog** machines, **bubble** making machines and **mist** machines.

Light, particulate matter, such as confetti or theatrical snow, is often used in stage...

? ds

Set Items Description
S1 130746 BUBBLE OR BUBBLES
S2 659914 SMOKE OR VAPOR OR VAPOUR OR FOG OR FOGGY OR MIST
S3 1553429 FILL? OR INSERT? OR INJECT?
S4 6045318 BLOWER? OR DEVICE? OR UTENSIL? OR APPLIANC? OR APPARAT? OR EQUIPMENT? OR TOOL? OR INSTRUMENT?
S5 1550968 IMPLEMENT? OR TOY OR TOYS OR AMUSEMENT? OR WAND? OR HOUSING?
S6 1375464 EXHAUST? OR FAN OR FANS OR (FLUID? OR LIQUID?) (3N) RESERVOIR? OR CHAMBER? OR HEAT() ELEMENT? OR MOTOR? OR NOZZLE?
S7 2080889 SWITCH? OR CIRCUIT? OR BATTERY? OR BATTERIE?
S8 1354 S1 AND S2 AND S4:S5
S9 690 S8 AND S1(10N)S2
S10 16 S9 AND S2(5N)S3
S11 129 S9 AND S6:S7
S12 137 S10:S11
S13 102 RD (unique items)
? show files
File 2:INSPEC 1969-2004/Oct W3
 (c) 2004 Institution of Electrical Engineers
File 6:NTIS 1964-2004/Oct W2
 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File 8:Ei Compendex(R) 1970-2004/Oct W3
 (c) 2004 Elsevier Eng. Info. Inc.
File 34:SciSearch(R) Cited Ref Sci 1990-2004/Oct W3
 (c) 2004 Inst for Sci Info
File 48:SPORTDiscus 1962-2004/Nov
 (c) 2004 Sport Information Resource Centre
File 50:CAB Abstracts 1972-2004/Sep
 (c) 2004 CAB International
File 94:JICST-EPlus 1985-2004/Sep W4
 (c) 2004 Japan Science and Tech Corp (JST)
File 95:TEME-Technology & Management 1989-2004/Jun W1
 (c) 2004 FIZ TECHNIK
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
 (c) 2004 The HW Wilson Co.
File 111:TGG Natl. Newspaper Index(SM) 1979-2004/Oct 25
 (c) 2004 The Gale Group
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
 (c) 1998 Inst for Sci Info
File 473:FINANCIAL TIMES ABSTRACTS 1998-2001/APR 02
 (c) 2001 THE NEW YORK TIMES
File 474:New York Times Abs 1969-2004/Oct 25
 (c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Oct 25
 (c) 2004 The New York Times
File 481:DELPHES Eur Bus 95-2004/Oct W2
 (c) 2004 ACFCI & Chambre CommInd Paris
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
 (c) 2002 The Gale Group
?

Set Items Description
S1 89257 BUBBLE OR BUBBLES
S2 316792 SMOKE OR VAPOR OR VAPOUR OR FOG OR FOGGY OR MIST
S3 2233038 FILL? OR INSERT? OR INJECT?
S4 8227129 BLOWER? OR DEVICE? OR UTENSIL? OR APPLIANCE? OR APPARAT? OR EQUIPMENT? OR TOOL? OR INSTRUMENT?
S5 795963 IMPLEMENT? OR TOY OR TOYS OR AMUSEMENT? OR WAND? OR HOUSING?
S6 2753985 EXHAUST? OR FAN OR FANS OR (FLUID? OR LIQUID?) (3N) RESERVOIR? OR CHAMBER? OR HEAT ELEMENT? OR MOTOR? OR NOZZLE?
S7 3333116 SWITCH? OR CIRCUIT? OR BATTERY? OR BATTERIE?
S8 115003 IC=(A63H? OR D06F? OR F17C?)
S9 3723 S1 AND S2
S10 37 S9 AND S8
S11 147 S9 AND S2 (5N) S3
S12 61 S11 AND S4:S5
S13 54 S11 AND S6:S7
S14 1230 S9 AND S1 (5N) S2
S15 245 S14 AND S4:S5 AND S6:S7
S16 8 S11 AND S15
S17 127 S10 OR S12:S13 OR S16
< S18 127 IDPAT (sorted in duplicate/non-duplicate order)
? show files
File 347:JAPIO Nov 1976-2004/Jun (Updated 041004)
 (c) 2004 JPO & JAPIO
File 350:Derwent WPIX 1963-2004/UD, UM & UP=200467
 (c) 2004 Thomson Derwent
?

18/3, K/52 (Item 52 from file: 350)

DIALOG (R) File 350:Derwent WPIX

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009458033 **Image available**

WPI Acc No: 1993-151559/199318

XRPX Acc No: N93-116084

Toy airplane with smoke filled bombs in soap bubbles - includes conduit to aperture, soap chamber near aperture having foam cap, device inserting aperture into chamber to collect soap film, gas pump to inflate bubble and smoke generator

Patent Assignee: SIMS A (SIMS-I)

Inventor: SIMS A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5205771	A	19930427	US 92833555	A	19920210	199318 B

Priority Applications (No Type Date): US 92833555 A 19920210

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5205771	A	7	A63H-033/28	

Toy airplane with smoke filled bombs in soap bubbles - ...

...includes conduit to aperture, soap chamber near aperture having foam cap, device inserting aperture into chamber to collect soap film, gas pump to inflate bubble and smoke generator

...Abstract (Basic): The toy device includes an air pumping mechanism such as an air bellows and a smoke -generating mechanism such as found in toy trains. The air pumping mechanism and the smoke -generating mechanism are connected to a tube or conduit having an open aperture. A soapy...

...aperture. The soap-generating mechanism and the air pump mechanism are simultaneously activated to pump smoke - filled air through the conduit to inflate the soap film into a soap bubble . The resulting soap bubble is thereby filled with smoke , thus producing a desirable effect. The device is preferably configured in the shape of a toy airplane such that the smoke - filled bubbles , when produced, appear as bombs dropped from the airplane...

...USE/ADVANTAGE - For toy . Has smoke within soap bubbles . Simple, effective device .

Title Terms: TOY ;

International Patent Class (Main): A63H-033/28

International Patent Class (Additional): A63H-029/10 ...

... A63H-033/14

Set	Items	Description
S1	14	AU=(FUSCO M? OR FUSCO, M?)
S2	0	(MIKE? OR MICHAEL) (2N) FUSCO
S3	156934	FOG OR SMOKE OR BUBBLE?
S4	115003	IC=(A63H? OR D06F? OR F17C?)
S5	0	S1:S2 AND S3:S4

? show files

File 347:JAPIO Nov 1976-2004/Jun (Updated 041004)

(c) 2004 JPO & JAPIO

File 350:Derwent WPIX 1963-2004/UD,UM &UP=200467

(c) 2004 Thomson Derwent

?

Set	Items	Description
S1	10	AU=(FUSCO M? OR FUSCO, M?)
S2	4	(MIKE? OR MICHAEL) (2N) FUSCO
S3	90558	FOG OR SMOKE OR BUBBLE?
S4	11281	IC=(A63H? OR D06F? OR F17C?)
S5	0	S1:S2 AND S3:S4

? show files

File 348:EUROPEAN PATENTS 1978-2004/Oct W03

(c) 2004 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20041021,UT=20041014

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Set	Items	Description
S1	175	AU=(FUSCO M? OR FUSCO, M?)
S2	26	(MIKE? OR MICHAEL) (2N) FUSCO
S3	221927	FOG OR SMOKE OR BUBBLE?
S4	2	S1:S2 AND S3
S5	2	RD (unique items)
? show files		
File	2:INSPEC	1969-2004/Oct W3 (c) 2004 Institution of Electrical Engineers
File	6:NTIS	1964-2004/Oct W2 (c) 2004 NTIS, Intl Cpyrght All Rights Res
File	8:Ei Compendex(R)	1970-2004/Oct W3 (c) 2004 Elsevier Eng. Info. Inc.
File	34:SciSearch(R)	Cited Ref Sci 1990-2004/Oct W3 (c) 2004 Inst for Sci Info
File	35:Dissertation Abs	Online 1861-2004/Sep (c) 2004 ProQuest Info&Learning
File	48:SPORTDiscus	1962-2004/Nov (c) 2004 Sport Information Resource Centre
File	50:CAB Abstracts	1972-2004/Sep (c) 2004 CAB International
File	65:Inside Conferences	1993-2004/Oct W4 (c) 2004 BLDSC all rts. reserv.
File	94:JICST-EPlus	1985-2004/Sep W4 (c) 2004 Japan Science and Tech Corp (JST)
File	95:TEME-Technology & Management	1989-2004/Jun W1 (c) 2004 FIZ TECHNIK
File	99:Wilson Appl. Sci & Tech Abs	1983-2004/Sep (c) 2004 The HW Wilson Co.
File	111:TGG Natl. Newspaper Index(SM)	1979-2004/Oct 22 (c) 2004 The Gale Group
File	434:SciSearch(R)	Cited Ref Sci 1974-1989/Dec (c) 1998 Inst for Sci Info
File	473:FINANCIAL TIMES ABSTRACTS	1998-2001/APR 02 (c) 2001 THE NEW YORK TIMES
File	474:New York Times Abs	1969-2004/Oct 23 (c) 2004 The New York Times
File	475:Wall Street Journal Abs	1973-2004/Oct 22 (c) 2004 The New York Times
File	481:DELPHES Eur Bus	95-2004/Oct W2 (c) 2004 ACFCI & Chambre CommInd Paris
File	583:Gale Group Globalbase(TM)	1986-2002/Dec 13 (c) 2002 The Gale Group
?		

← Ø SIGNIFICANT
HITS

AFTER
Review

Set	Items	Description
S1	30	AU=(FUSCO M? OR FUSCO, M?)
S2	299	(MIKE? OR MICHAEL) (2N) FUSCO
S3	681520	FOG OR SMOKE OR BUBBLE?
S4	4	S1:S2 AND S3
S5	4	RD (unique items)
?/show files		
File	9:Business & Industry(R)	Jul/1994-2004/Oct 22
	(c) 2004	The Gale Group
File	16:Gale Group PROMT(R)	1990-2004/Oct 25
	(c) 2004	The Gale Group
File	20:Dialog Global Reporter	1997-2004/Oct 25
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	(c) 2004	The Gale Group
File	141:Readers Guide	1983-2004/Sep
	(c) 2004	The HW Wilson Co
File	148:Gale Group Trade & Industry DB	1976-2004/Oct 15
	(c) 2004	The Gale Group
File	160:Gale Group PROMT(R)	1972-1989
	(c) 1999	The Gale Group
File	482:Newsweek	2000-2004/Oct 22
	(c) 2004	Newsweek, Inc.
File	484:Periodical Abs Plustext	1986-2004/Oct W3
	(c) 2004	ProQuest
File	570:Gale Group MARS(R)	1984-2004/Oct 25
	(c) 2004	The Gale Group
File	609:Bridge World Markets	2000-2001/Oct 01
	(c) 2001	Bridge
File	610:Business Wire	1999-2004/Oct 24
	(c) 2004	Business Wire.
File	613:PR Newswire	1999-2004/Oct 25
	(c) 2004	PR Newswire Association Inc
File	621:Gale Group New Prod.Annou.(R)	1985-2004/Oct 25
	(c) 2004	The Gale Group
File	635:Business Dateline(R)	1985-2004/Oct 23
	(c) 2004	ProQuest Info&Learning
File	636:Gale Group Newsletter DB(TM)	1987-2004/Oct 25
	(c) 2004	The Gale Group
File	646:Consumer Reports	1982-2004/Oct
	(c) 2004	Consumer Union
File	649:Gale Group Newswire ASAP(TM)	2004/Oct 18
	(c) 2004	The Gale Group
File	809:Bridge World Markets News	1989-1999/Dec 31
	(c) 1999	Bridge
File	810:Business Wire	1986-1999/Feb 28
	(c) 1999	Business Wire.
File	813:PR Newswire	1987-1999/Apr 30
	(c) 1999	PR Newswire Association Inc
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AFTER

REVIEW